REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
REG	ST	PROJECT NUMBER PROJECT NAME	A4	A8

PROJECT : CA116-1(1) - TRINITY MOUNTAIN ROAD

DATE OF FIELD WORK : MAY 2005
DATE OF FINAL ADJUSTMENT : MAY 2005
STATION / OFFSET BASED ON ALIGNMENT: JOB116.GPK, ALT2 CHAIN, DATE APRIL 4, 2005

PROJECT UNITS : FeetUS; DMS
COORDINATE SYSTEM: LAMBERT NAD83; CA ZONE 1 0401
BASED ON OPUS SOLUTIONS AT STATIONS 2001 & 2005
CORS96, EPOCH: 2002.0000, DATED APRIL 20 & 23, 2004
VERTICAL DATUM: NAVD88 (DIFFERENTIAL LEVELS BASED UPON OPUS ELEVATION SOLUTION AT STATION 2001)
ALL COORDINATES ARE IN US SURVEY FEET.

	STATE PLANE COORDINATES			NAD 83					JOB116.GPK	ALT2	
POINT NUMBER	NORTH	EAST	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT	MAPPING ANGLE	COMBINED FACTOR	STATION	OFFSET	DESCRIPTION
2000	2249326.62	6390936.11	2401.86	41°00'11.34399"N	122°37'06.99952"W	2320.57	-0°24'16"	0.99978411	N/A	N/A	FHWA ALUMINUM CAP STAMPED 2000
2001	2250911.21	6391263.40	2402.41	41°00'27.02473"N	122°37'02.87624"W	2321.11	-0°24'13"	0.99978431	17+09	38.7	FHWA ALUMINUM CAP STAMPED 2001
2003	2254804.15	6385946.69	2805.40	41°01'05.11620"N	122°38'12.59828"W	2724.37	-0°24'59"	0.99976562	129+07	-24.3	FHWA ALUMINUM CAP STAMPED 2003
2004	2255013.90	6385389.79	2758.37	41°01'07.14871"N	122°38'19.88369"W	2677.20	-0°25'03"	0.99976790	134+94	-19.0	FHWA ALUMINUM CAP STAMPED 2004
2005	2257202.95	6373364.32	2431.05	41°01'27.88349"N	122°40'56.99632"W	2349.89	-0°26'46"	0.99978387	N/A	N/A	FHWA ALUMINUM CAP STAMPED 2005
2006	2257523.66	6373260.60	2445.34	41°01'31.04447"N	122°40'58.38228"W	2364.18	-0°26'47"	0.99978324	N/A	N/A	FHWA ALUMINUM CAP STAMPED 2006
3001	2251382.49	6391034.09	2402.06	41°00'31.66564"N	122°37'05.91079"W	2320.79	-0°24'15"	0.99978440	22+24	15.7	FHWA ALUMINUM CAP STAMPED 3001
3002	2251952.10	6390282.03	2423.28	41°00'37.24158"N	122°37'15.77371"W	2342.02	-0°24'21"	0.99978347	31+63	-17.1	FHWA ALUMINUM CAP STAMPED 3002
3003	2252685.59	6390016.72	2460.92	41°00'44.47090"N	122°37'19.30258"W	2379.70	-0°24'24"	0.99978177	39+50	-27.6	FHWA ALUMINUM CAP STAMPED 3003
3004	2253499.00	6389469.73	2504.68	41°00'52.47002"N	122°37'26.51387"W	2423.49	-0°24'28"	0.99977980	49+31	-16.7	FHWA ALUMINUM CAP STAMPED 3004
3005	2254423.12	6388986.06	2547.01	41°01'01.56748"N	122°37'32.90980"W	2465.86	-0°24'33"	0.99977792	59+74	-15.4	FHWA ALUMINUM CAP STAMPED 3005
3006	2255156.71	6388788.26	2577.99	41°01'08.80234"N	122°37'35.55882"W	2496.88	-0°24'34"	0.99977655	67+29	-16.7	FHWA ALUMINUM CAP STAMPED 3006
3007	2256002.14	6388879.38	2612.47	41°01'17.16282"N	122°37'34.44878"W	2531.42	-0°24'34"	0.99977503	75+75	-21.0	FHWA ALUMINUM CAP STAMPED 3007
3008	2256702.73	6389173.10	2642.09	41°01'24.10628"N	122°37'30.68184"W	2561.09	-0°24'31"	0.99977373	83+27	26.9	FHWA ALUMINUM CAP STAMPED 3008
3009	2256996.29	6389007.16	2647.74	41°01'26.99534"N	122°37'32.87432"W	2566.75	-0°24'33"	0.99977350	86+35	54.5	FHWA ALUMINUM CAP STAMPED 3009
3010	2256940.75	6388746.90	2660.91	41°01'26.42814"N	122°37'36.26480"W	2579.91	-0°24'35"	0.99977286	88+71	24.9	FHWA ALUMINUM CAP STAMPED 3010
3011	2255664.36	6387952.65	2778.14	41°01'13.75943"N	122°37'46.50825"W	2697.05	-0°24'42"	0.99976706	103+67	19.7	FHWA ALUMINUM CAP STAMPED 3011
3012	2255334.98	6387857.83	2807.27	41°01'10.49805"N	122°37'47.71443"W	2726.15	-0°24'42"	0.99976562	107+05	-21.7	FHWA ALUMINUM CAP STAMPED 3012
3013	2254735.61	6387218.72	2882.93	41°01'04.52992"N	122°37'55.99631"W	2801.77	-0°24'48"	0.99976191	115+78	-39.7	FHWA ALUMINUM CAP STAMPED 3013
3014	225			'04.10589"N	122°38'00.73425"W	2797.23	-0°24'51"	0.99976212	119+32	-22.6	FHWA ALUMINUM CAP STAMPED 3014
						AVERAGE =	-0°25'19"	0.99977523			

Refer to the CADD manual Chapter 3 located on the CFL website for more information on file naming conventions: http://www.cflhd.gov/cadd/CaddManDocs/Chapter03_x30.pdf

NOTE: TO PRECISELY CHECK DISTANCES BETWEEN POINTS AS MEASURED ON THE GROUND :
INVERSE THE STATE PLANE COORDINATES AND DIVIDE THE COMPUTED DISTANCE BY A MEAN COMBINED FACTOR OF THE TWO POINTS.

TO COMPUTE GEODETIC AZIMUTHS USE THE FOLLOWING FORMULA :
GEODETIC AZIMUTH = GRID AZIMUTH + MAPPING ANGLE

Note to A/E designers: For the final plan set, the Survey Control Sheet is stamped by a PLS.

NO.	DESCRIPTION	DATE	INT.
6			
5			
4			
3			
2			
1			
	REVISIONS (OR CHANGE NOTICES)		

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

SURVEY CONTROL

CFL SAMPLE PLAN SHEET

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